

Fig. 1

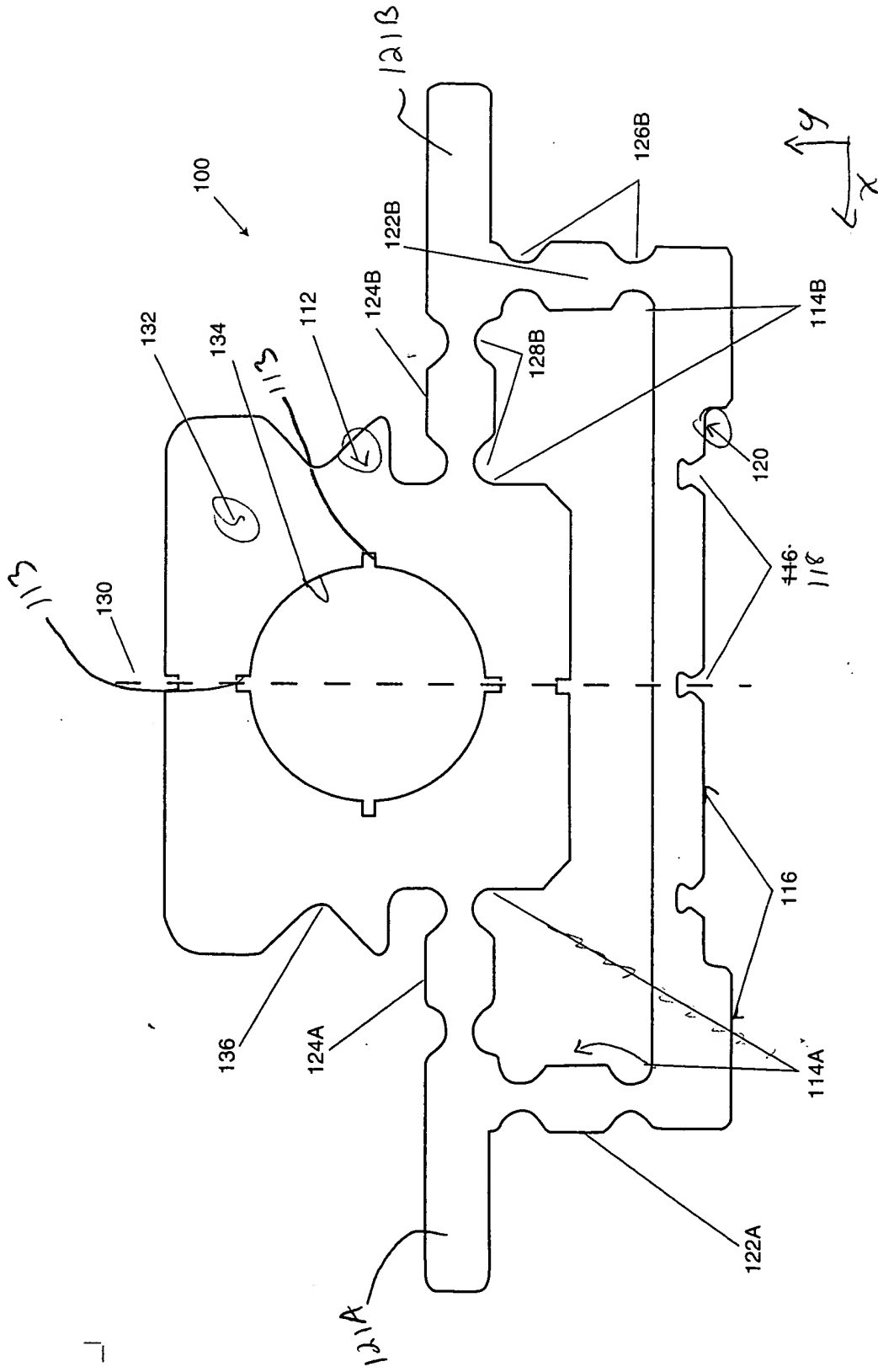
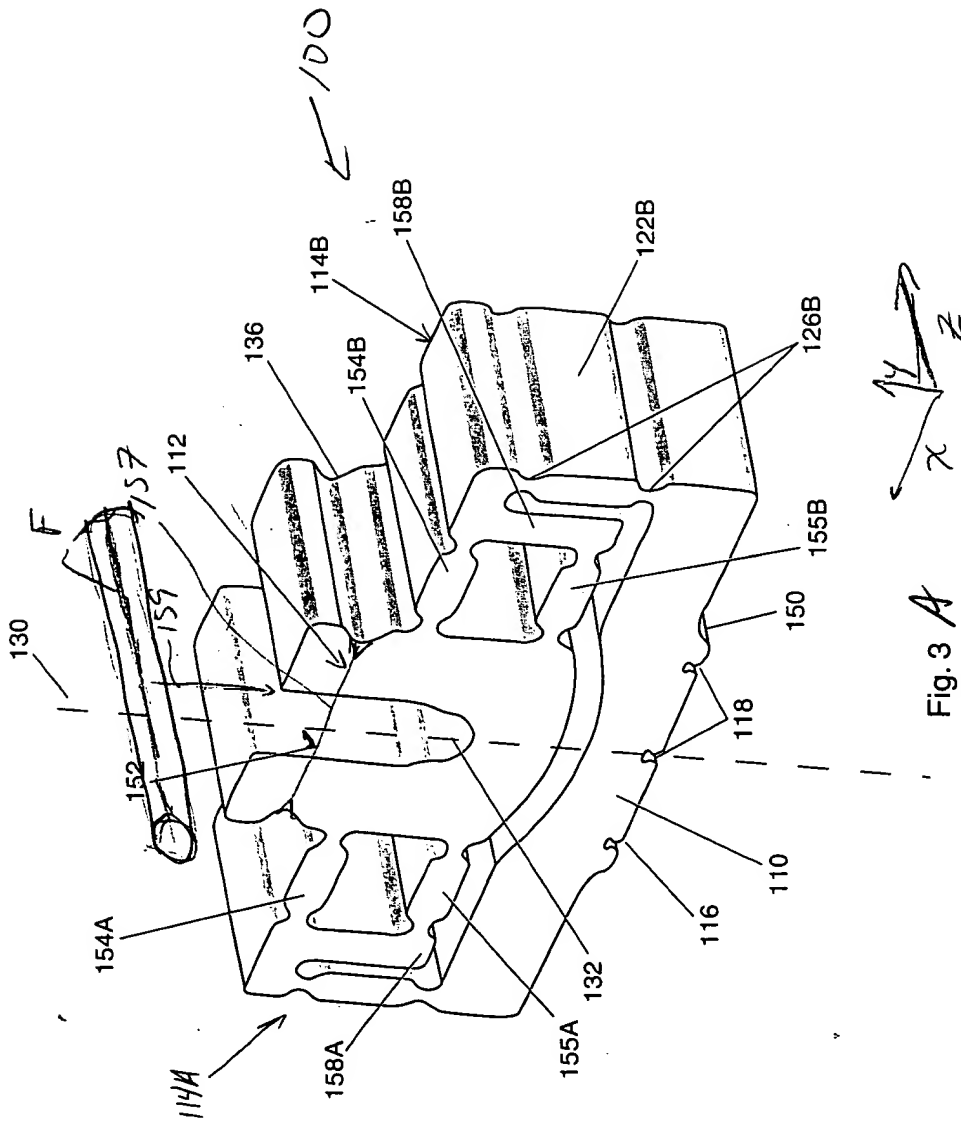
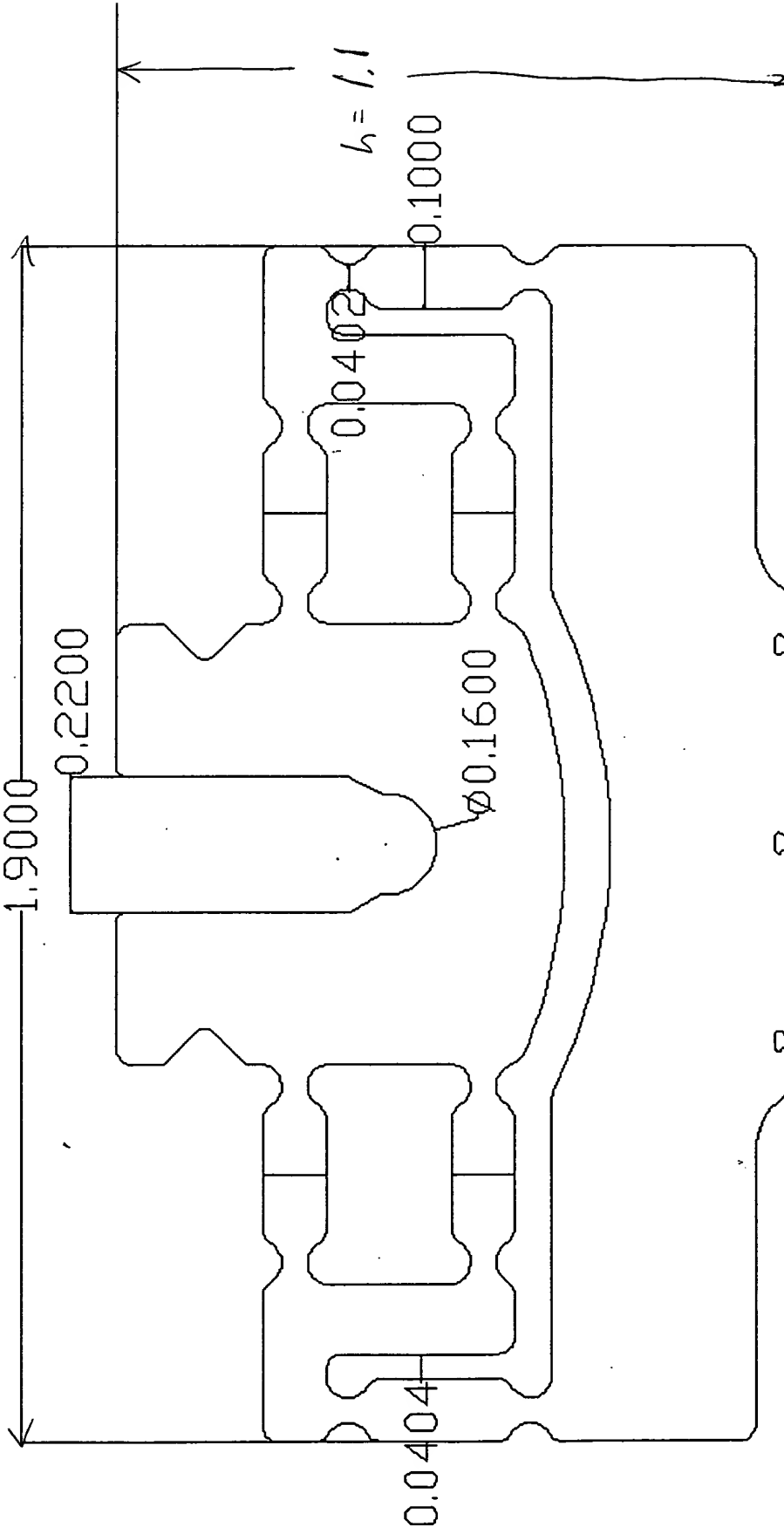


Fig. 2



005280" 22854960

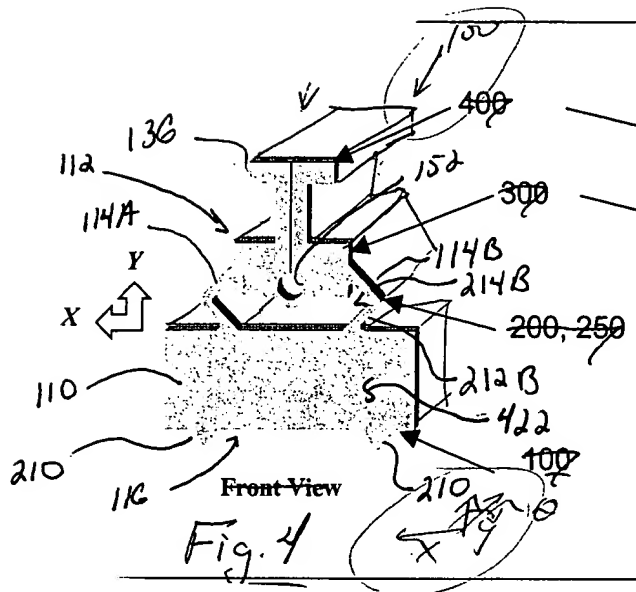
$w =$



all lengths in millimeters

Fig. 3B

00545827 082500





F-G6T5402a open

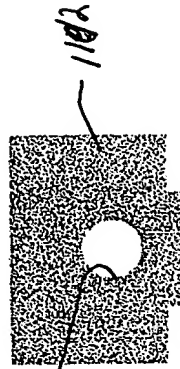
Fig. 5A



F-G6C5402a open

Fig. 6

ib



G6 PASSIVE CLIP

Fig. 14



G6 HORIZONTAL LEG

Fig. 12



Fig. 13

G6 HORIZONTAL CLP 1d

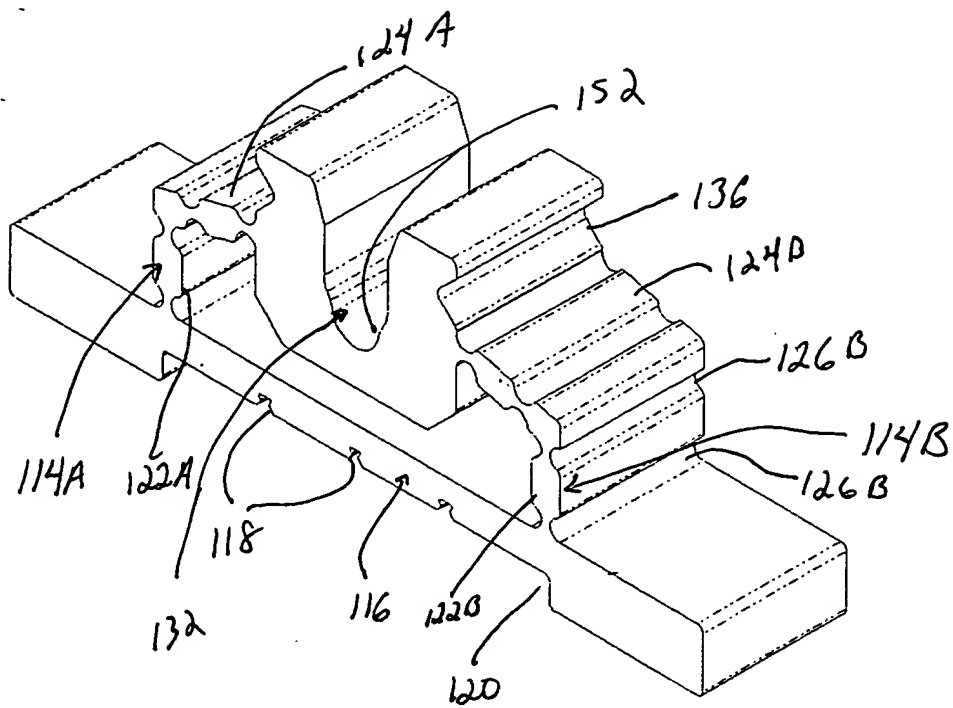
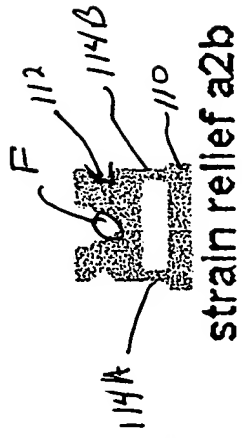


Fig. 5B

005280-22854960

FIG. 8



strain relief a2b

Fig. 8

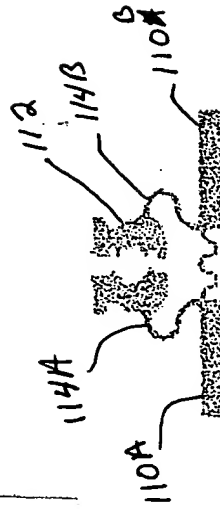


Fig. 7

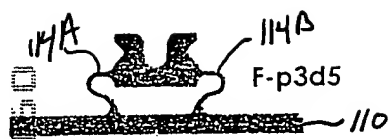


Fig. 10

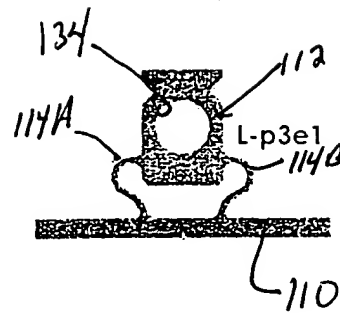


Fig. 9

005280" 22854960

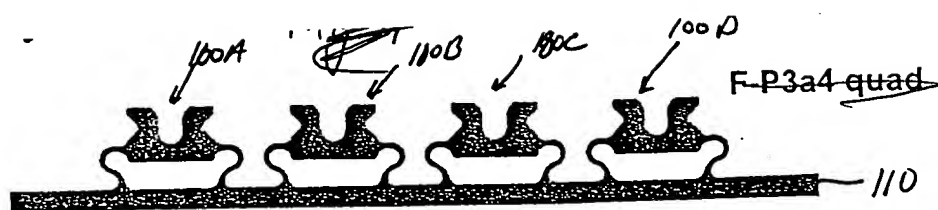


Fig. 11

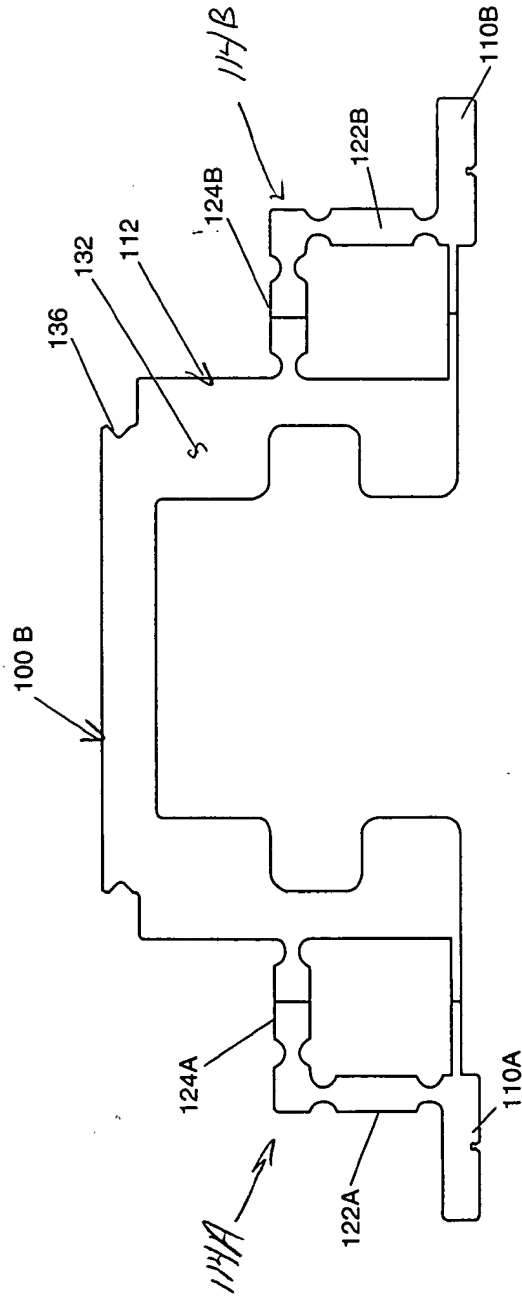


Fig. 15A

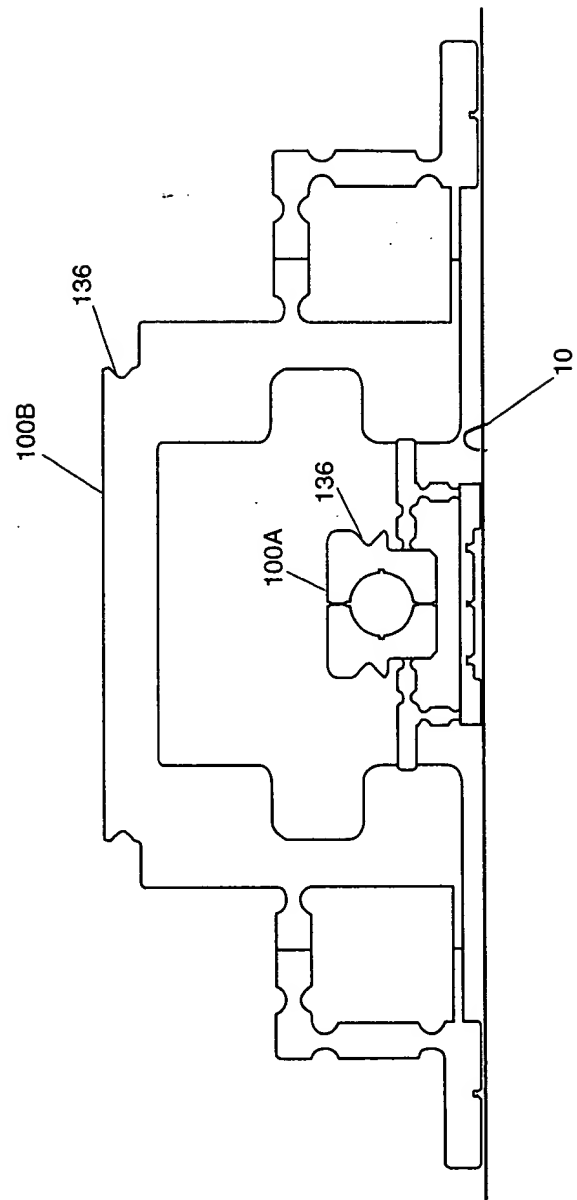


Fig. 15 B

005280" 2854960

Thick PMMA resist
bonded to seed
layer on substrate

seed/release
layer 412

substrate
410

Fig. 16A

Thick PMMA resist
patterned by x-ray
exposure

seed/release
layer

substrate

PMMA

Fig. 16B

Electroformed X-Y
flexure prior to
release

seed/release
layer 412

substrate
410

Plated Nickel

PMMA

Fig. 16C

Electroformed X-Y
flexure prior to
release

seed layer

Plated Nickel

PMMA or Si

Fig. 17A

Pattern for
first z-flexure

Plating first
z-flexure

Photoresist 420

Fig. 17B

Fig. 17C

Invert and pattern
for second z-flexure

Plating for second
z-flexure

Fig. 17D

Fig. 17E

Final release

Fig. 17F

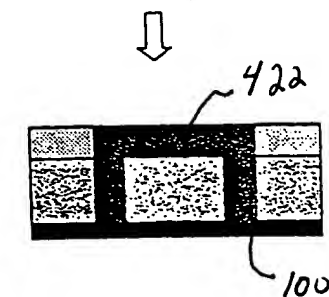
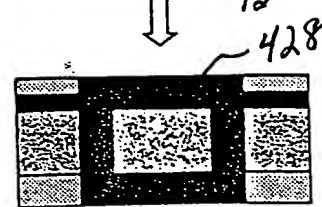
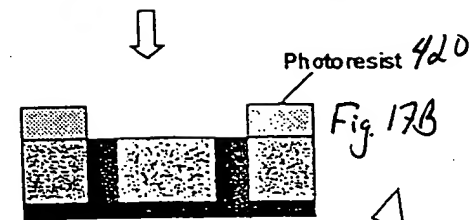
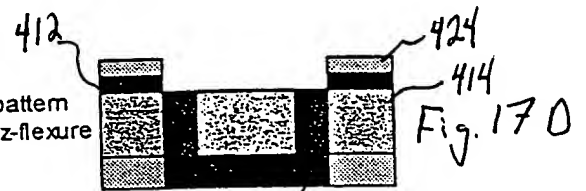
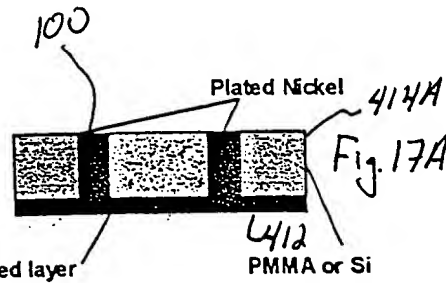
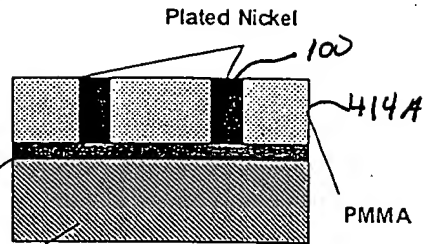
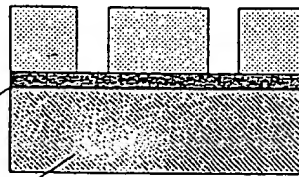
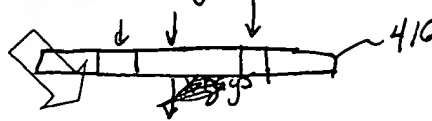
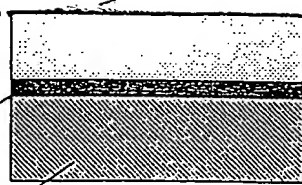


Fig. 18A is a perspective view of a mechanical assembly. It features a base structure with multiple vertical, ribbed sections. A central component, labeled 100-1, is positioned on top of these sections. To the right, another component, labeled 100-2, is shown. Various other parts are labeled with numerals: 112, 132, 152, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200. The assembly is shown in a perspective view, with lines indicating its three-dimensional structure.

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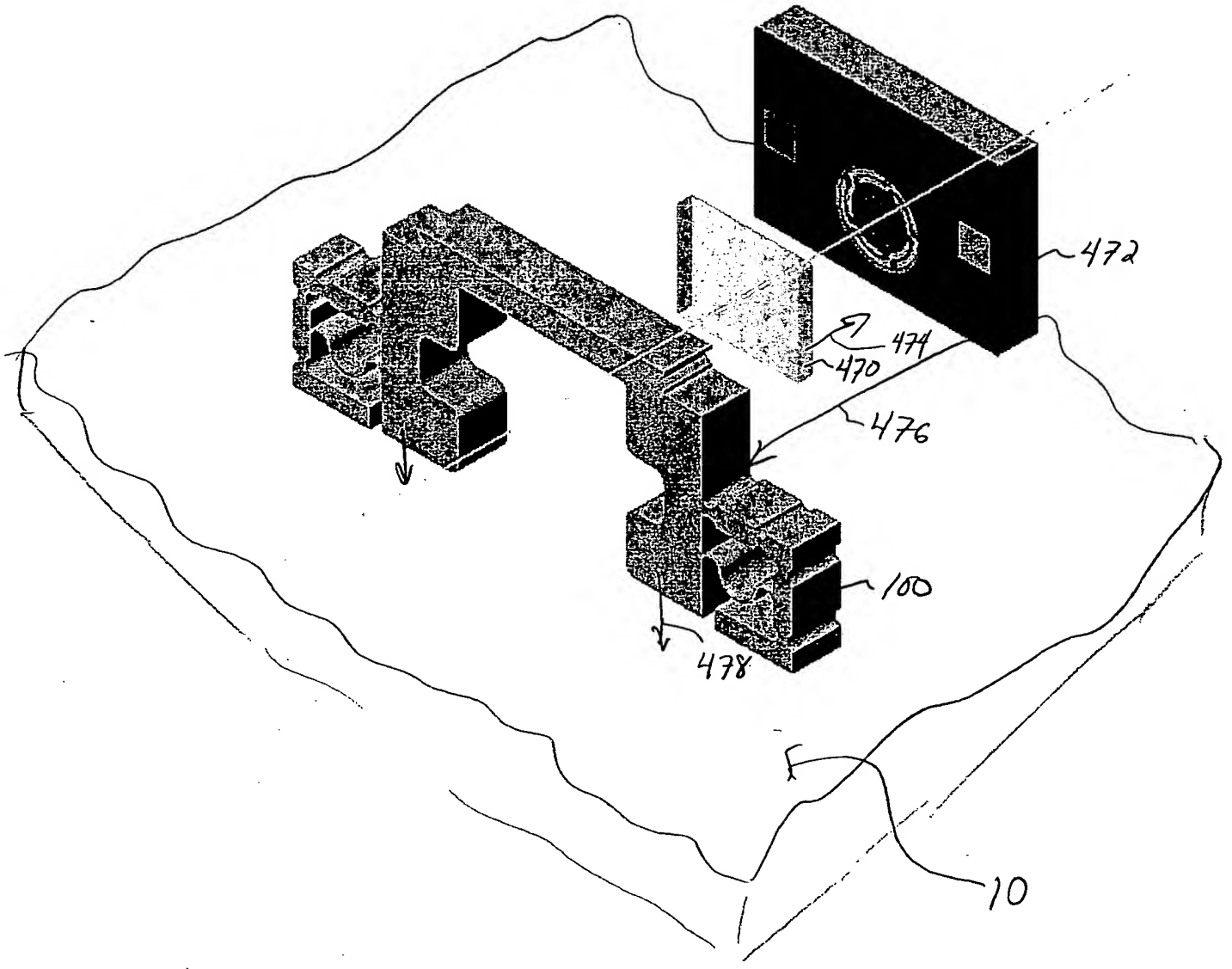


Fig. 18B

09645827-082500

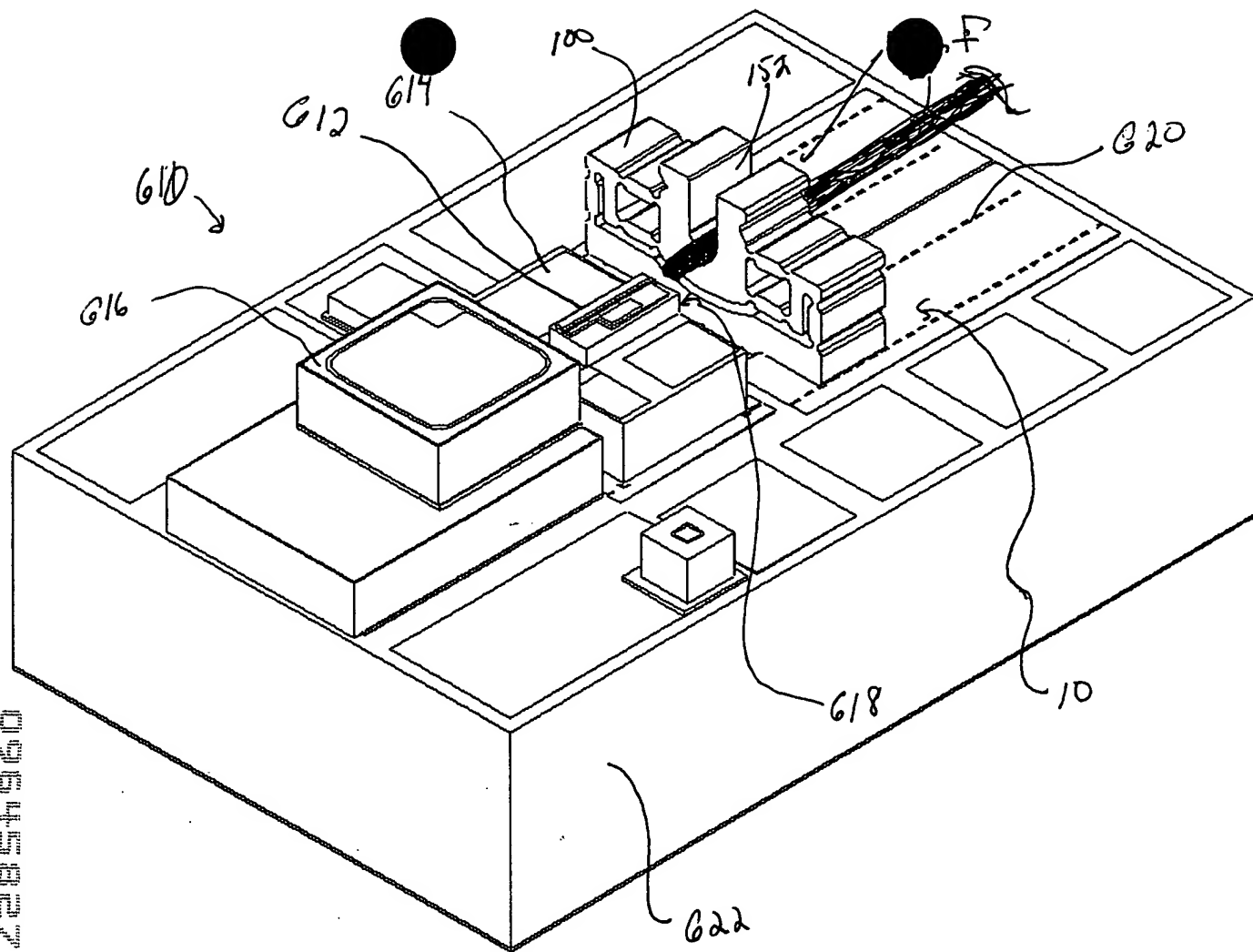


Fig. A

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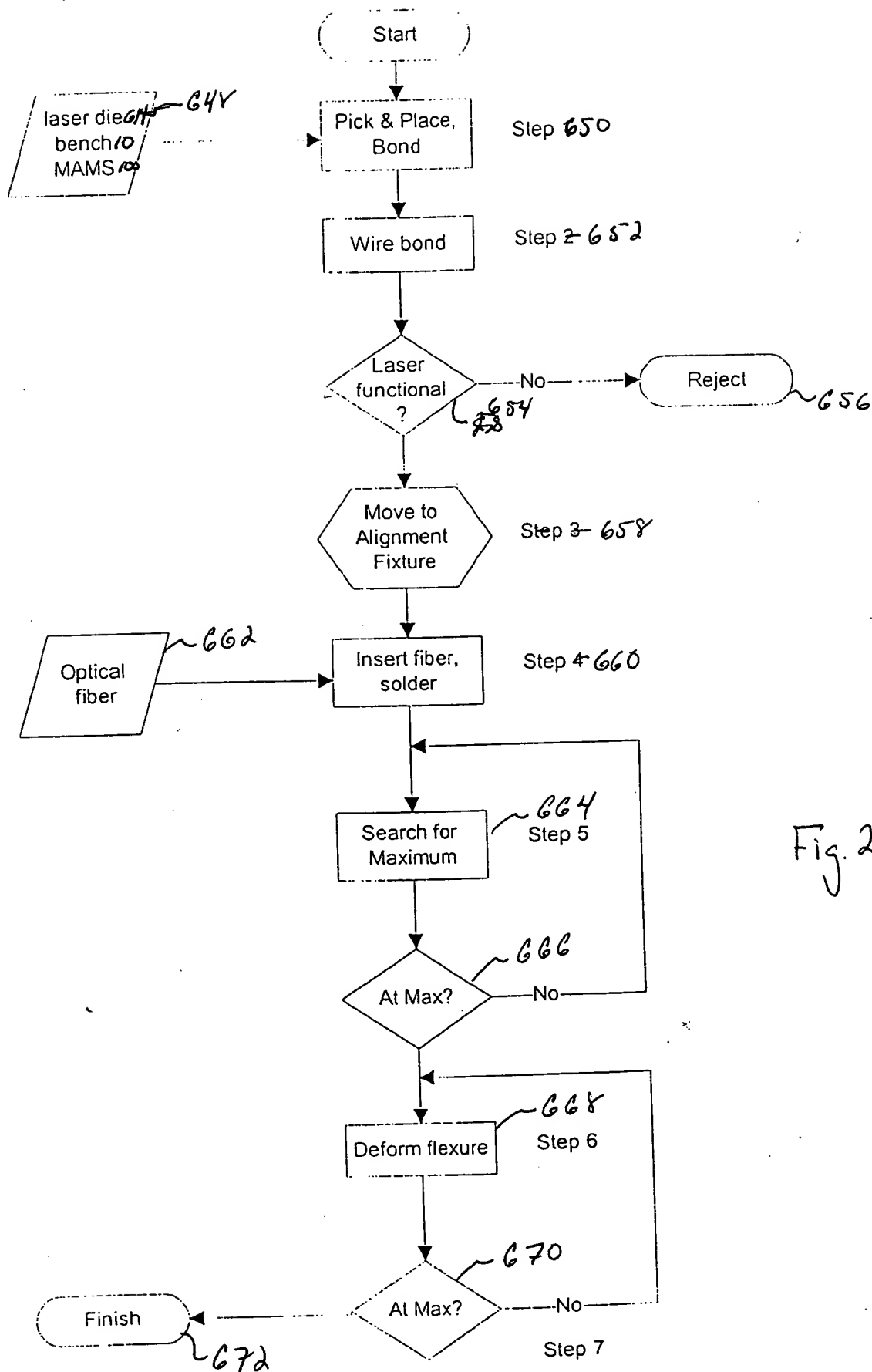


Fig. 20

[illegible]

1

7
D2

P P

9 2 1

4

Fig. 2

91

36

7/10/71

16

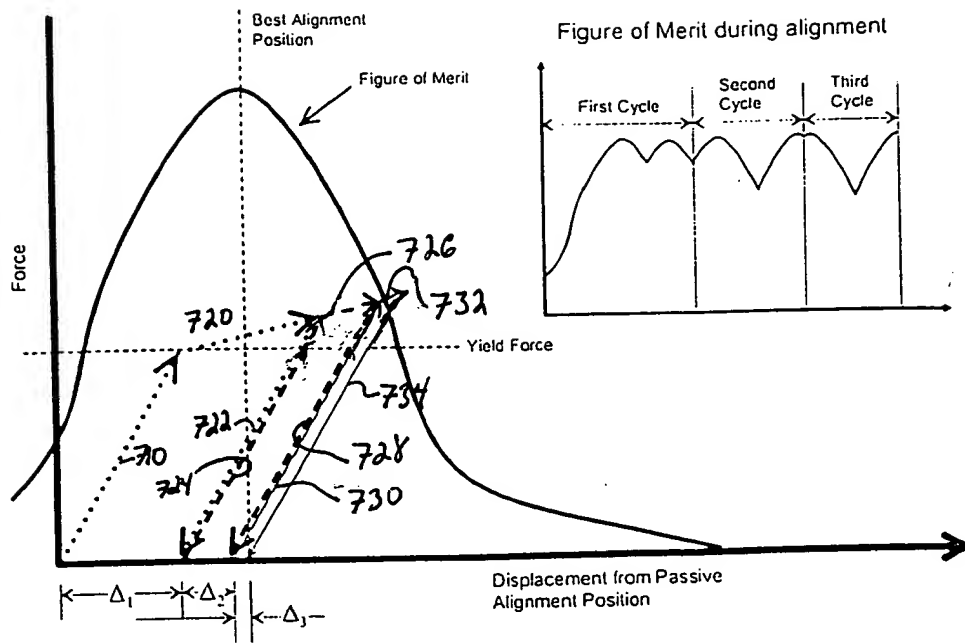


Fig. 22

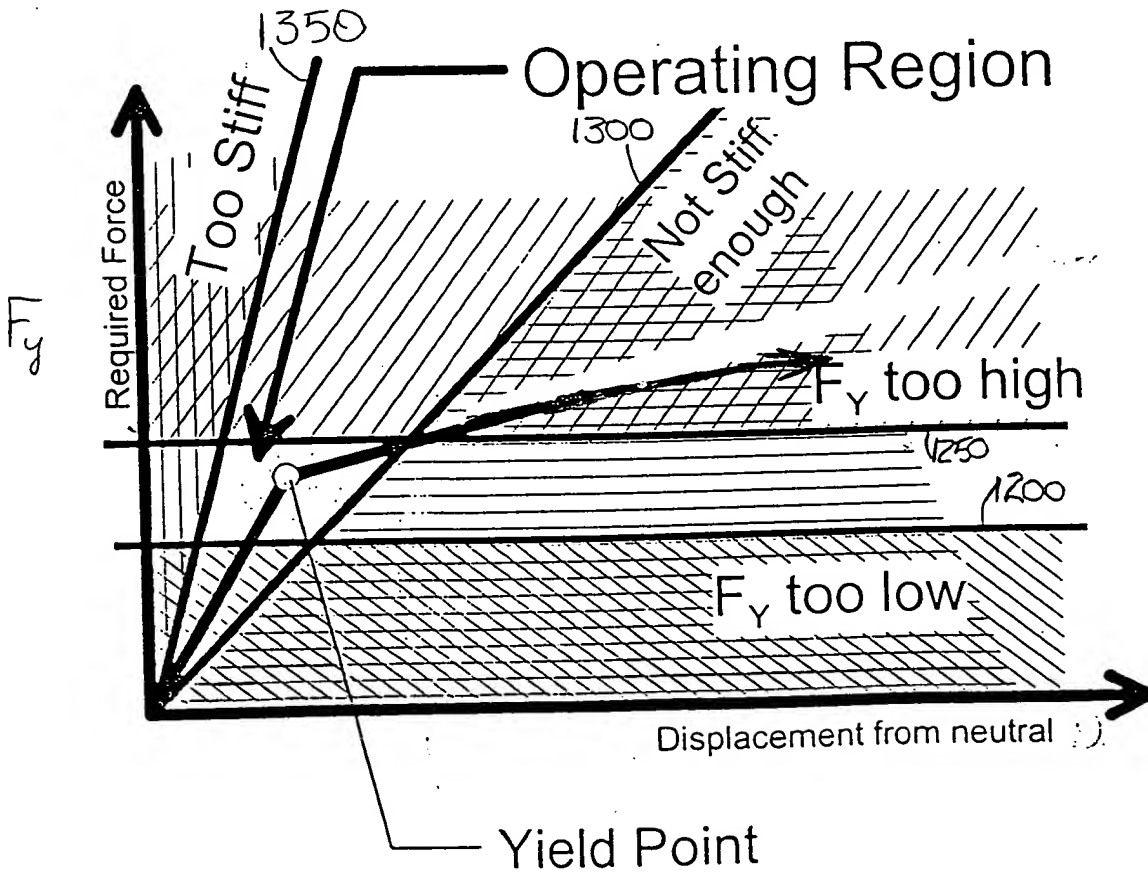


Fig. 23

09645827-082500

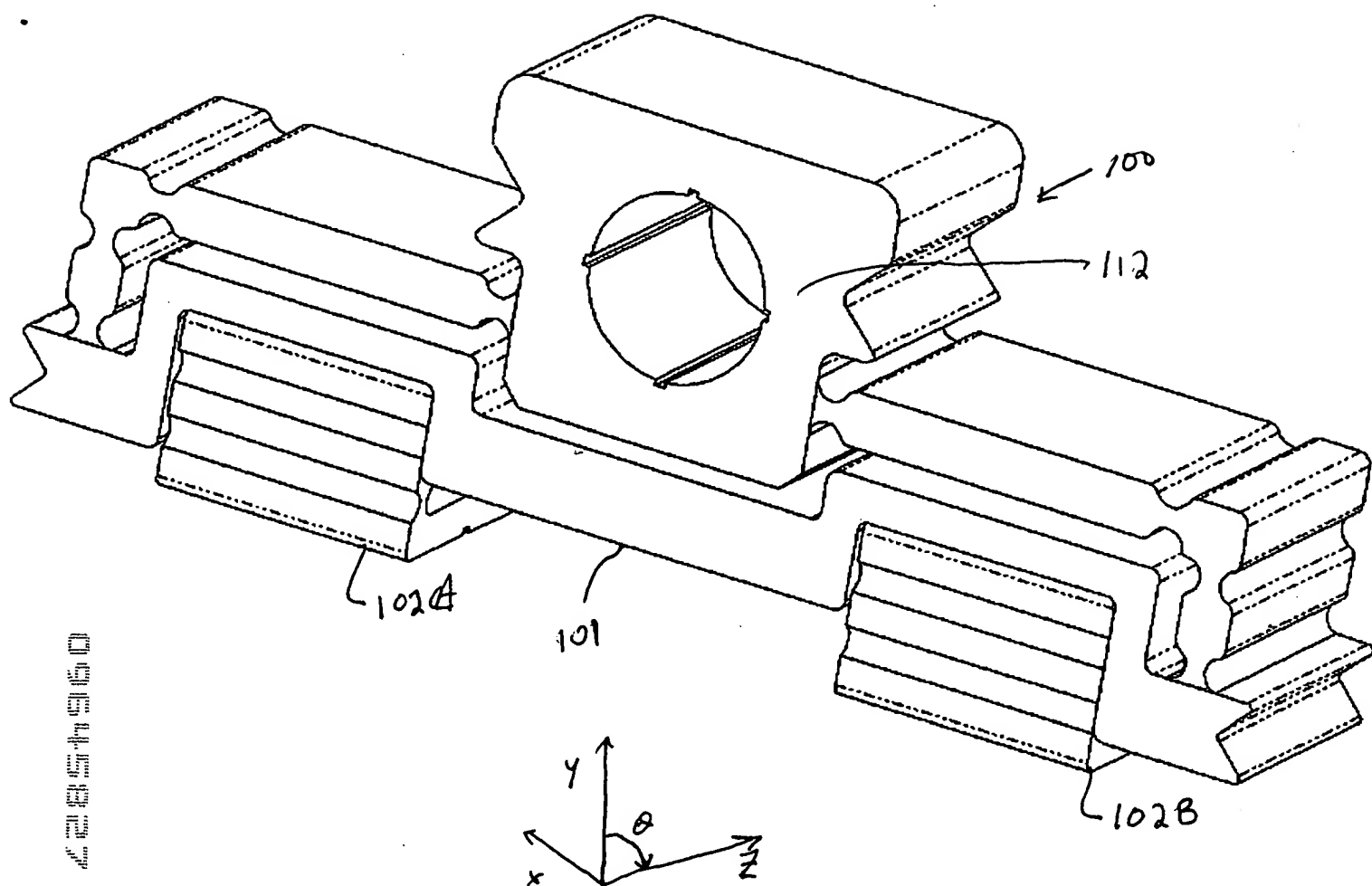


Fig. 24

005280" 2854960

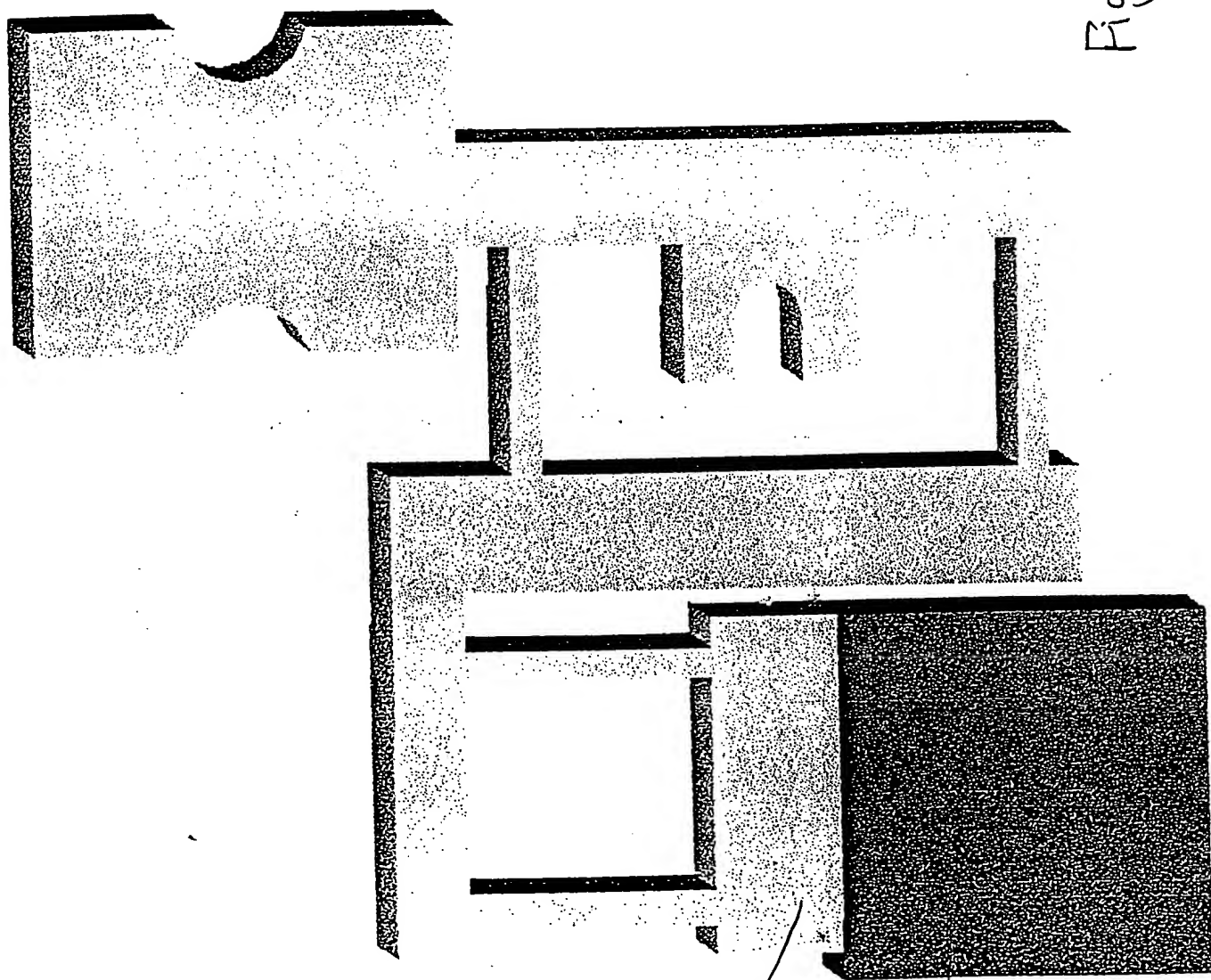


Fig. 25

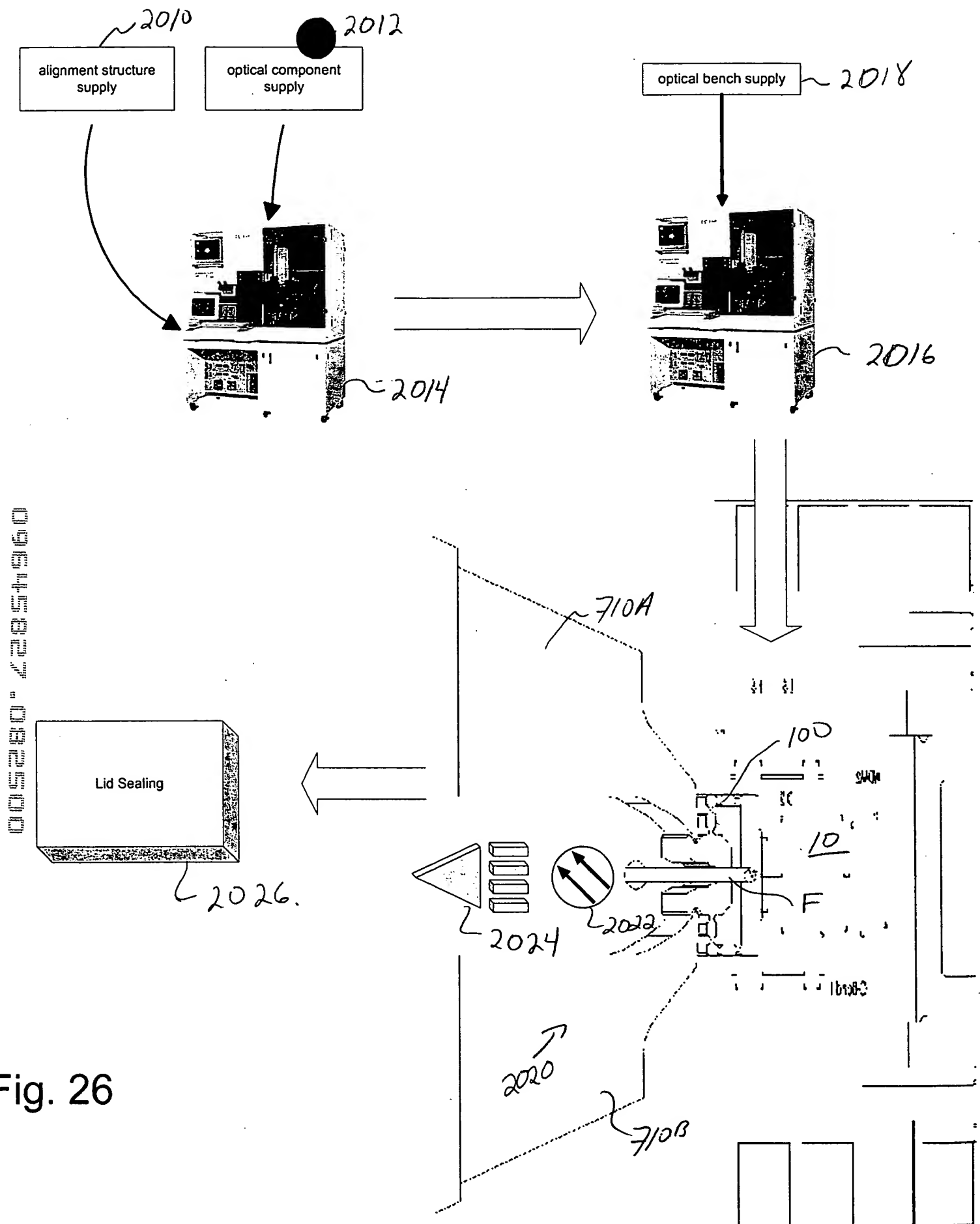


Fig. 26

